DAAC/ECS STATUS Table for January 21, 1998

Release	DESCRIPTION	Status	Problems/Comments
Pre-Release B Testbed	**HW/SW Installations**	-Testbed was decommissioned on Friday, January 16, 1998. Physical relocation of the hardware will be performed the week of January 26. (Jill Travers)	
LaTIS	**Definition/ Development**	- A Deadline had been set for Friday, Jan. 16th, for Automated Product Generation to be in Parallel Processing with Manual Operations. This has been delayed until this week due to various circumstances. - Testing of DPREP Automation is ongoing. - Testing of Instrument through the Product Generation DB is ongoing. (Bob Ignacio, Yantao Shi, Tina Rogerson)	
	SSI&T	- Compilation and partial testing (using commandlines) of TISA_Grid were completed. Tesing its individual PGEs under Codine is in progress. - CERESlib and TISA_averaging were delivered on Jan 20,1998. SSI&T of the two packages will begin later this week. (Sukdee Storaasli)	
	Production	- Subsystem 12 was moved into production. However, problems were found in processing about 50 % of the data attempted. New code is being delivered and all runs attempted will be rerun. (Jill Travers)	
	Other	- SARB 30 day test continues. 2/3 through CLOUDS/Inversion/ SARB. Tim Murray pointed me to some files written out to /CERES/clouds/data/scr that cleared up 36 GB of disk space thus allowing me to proceed with the task at hand. Progress is being made with running TISA Gridding with the CRS and SSF files. (Jill Travers)	

Release	DESCRIPTION	Status	Problems/Comments
Version 2.0 (Release B)	**HW/SW Installations**		
	ESDTS	- CERES (Maria) provided the updated (1/7): "CERES Filenaming Guidelines" and "CERES Metadata Reqs. for LaTIS" documents providing modifications to ESDT list, baseline metadata and PSA's. ECS staff are working on implementing the changes for the next ESDT baseline and and related issues are being resolved. (Haldun Direskeneli)	
	SSI&T	- Early SSI&T continues on Subsystem 1. Tom Atwater sent to DAAC/ CERES team members various metadata issues he has discovered. They are ready to created the data production request and run through PDPS. (Jill Travers) - A Toolkit fix is placed on the Toolkit web site (Toolkit 5.2.1 problems and fixes). It increases the size of various constants used to define maximum sizes and adds error handling (including Alice's Input Pointer size issue). - Patches for several problems affecting users of HDF-EOS 2.1 are placed in the Toolkit web page. First patch relates to Swath API. (Haldun Direskeneli)	
	Other		

Status of Release 2 CERES SSIT at the LaRC DAAC (01/21/98)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Production Volume Stress Test	Comments
1.0	06/26/97 08/27/97 10/24/97	06/30/97 08/27/97 10/26/97	07/01/97 08/28/97 10/27/97	07/02/97 08/28/97 10/27/97	07/03/97 08/28/97 10/28/97	07/03/97 08/30/97 10/30/97	08/30/97	
2.0 & 3.0	06/16/97 12/17/97	06/17/97 12/18/97	06/23/97 12/18/97	06/19/97 12/19/97	06/23/97 12/19/97	07/02/97 12/22/97	07/17/97	
4.1-4.4	08/15/97 11/14/97	08/19/97 11/18/97	08/19/97 11/18/97	08/21/97 12/02/97	08/25/97 12/02/97	08/26/97 12/03/97	08/26/97	
4.5-4.6	08/22/97 12/04/97	08/26/97 12/08/97	08/28/97 12/09/97	08/30/97 12/11/97	09/02/97 12/12/97	09/03/97 12/16/97	09/17/97	
5.0	09/11/97 11/28/97	09/12/97 12/03/97	09/15/97 12/05/97	09/16/97 12/05/97	09/16/97 12/08/97	09/17/97 12/08/97	10/30/97	
7.1	01/20/98							
7.2								
6.0/9.0	01/09/98	01/13/98	01/13/98	01/14/98	01/16/98			
8.0	01/20/98							

Status of Release 2 CERES SSIT at the LaRC DAAC (01/21/98)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Production Volume Stress Test	Comments
10.0	01/20/98							
11.0	08/01/97 10/10/97	08/05/97 10/14/97	08/05/97 10/14/97	08/07/97 10/16/97	08/07/97 10/16/97	08/08/97 10/17/97		
12.0	08/01/97 12/12/97	08/05/97 12/22/97	08/06/97 12/22/97	08/05/97 12/29/97	08/06/97 12/30/97	08/08/97 12/30/97	08/08/97	
CERESlib	06/17/97 08/01/97+ 10/03/97* 10/31/97- 12/04/97 12/23/97 01/20/98	06/18/97 08/04/97 10/06/97 11/04/97 12/09/97 01/02/98	06/23/97 08/05/97 10/07/97 11/04/97 12/09/97 01/02/98	06/18/97 08/05/97 10/07/97 11/06/97 12/09/97 01/09/98	06/18/97 08/05/97 10/07/97 11/06/97 12/09/97 01/09/98	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	+Delivery for SS 11 * Delivery for TK5.2 - Delivery for SSF

CERES Release 2 DAAC Performance Measurements - 01/21/98

One execution on LaTIS configuration of each PGE at production-level volume expected for TRMM launch.

SS	PGE	Compiler	Test Date	Time,sec			Block Operations		Peak Memory MB	Disk Storage, MB					Runs per Mnth
				Wall	User	System	Input	Output		Input	Temp	Interm	Arch	Logs/ QC	
1.0	Instrument	Ada	08/30	13952	13335	424	27397	7428	1320.3	106	0	303	387	0.9	31
2.0	Daily TOA Inversion	SGIF90	07/16	288	276	9	4334	5	3.3	284	284	13	487	.02	31
3.0	Monthly Averaging	SGIF90	07/17	569	400	130	4890	230	15.7	403	410	0	140	1.7	1
4.1/	Cloud Retrieval/	SGIF90	08/26	3140	3078	36.2	1931	12	323.1	312	0	1167	30	36.0	744
4.4	Footprint Convolution	SGIF90	08/26	1341	1306	15.8	1243	1			0				744
4.5	TOA/Surface Fluxes	SGIF90	09/17	162	33	126	52	13	2.9	215	0	0	201	0.08	744
5.0	Instantaneous SARB	SGIF90	10/30	27150	26785	190	3412	4	224.9	247	0	0	253	.001	744
7.2	Synoptic SARB														
12.0	MOA Regridding	NAG 32bit	08/08	1633	1548	29	35672	29	40.5	709	0	0	319	.001	31
11.0	Grid Geostationary	NAG 32bit	11/11	77816	77137	200	17225	4	25.6	1180	0	178	0	1	4
11.1	Sort GGEO	NAG 32bit	11/21	10732	3484	3040	13820	3	2.5	588	0	0	568	.001	1
9.0	Surface Gridding	NAG 32bit	01/17	524	423	75	5861	9	107.6	5767	0	13	0	.001	744
9.1	Sort SFC Files														
12.1	Post-process MOA														
10.0	TOA/SRB Averaging														
6.0	Atmos. Gridding	NAG 32bit	01/17	602	471	96	5755	6	108.1	5769	0	15	0	.001	744
6.1	Sort FSW Files														
7.1	Synoptic Interpolate														
8.0	Synoptic Averaging														
System Total															

System total: multiply each PGE measure by the number of Runs per Data Month for that PGE, then add all PGE's. Some PGE's will require more resources for each instrument on EOS-AM and EOS-PM.